

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RISTIC, ZORAN et al.
SERIAL NO : 09/810,764
FILED : MARCH 16, 2001
TITLE : MAINE CHLOROPLAST PROTEIN SYNTHESIS ELONGATION
FACTORS AND METHODS OF USE FOR SAME

Grp./A.U. : 1638
Examiner : MEHTA, ASHWIN D.
Conf. No. : 7108
Docket No. : P03965US1

FAX RECEIVED

APR 22 2003

GROUP 1600

RESPONSE TO RESTRICTION REQUIREMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

OFFICIAL

Sir:

In response to the Restriction Requirement dated March 25, 2003, Applicants hereby elect, with traverse, to proceed with Group I, claims 1-8, 14-18 and 20-31, drawn to a purified and isolated nucleotide sequence encoding a regulatory protein that is approximately 45 kD, expressed primarily under heat shock conditions, is localized in chloroplasts, has high homology to chloroplast elongation factor EF-Tu from E. coli or tobacco, said nucleotide sequence being capable of hybridizing under conditions of high stringency to SEQ ID NO: 6; or wherein said

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☐ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 4/21/03

FACSIMILE

☒ transmitted by facsimile to the Patent and Trademark Office (703) 872-9306.

HEIDI S. NEBEL

nucleotide sequence is SEQ ID NO: 5; or an expression cassette comprising said nucleotide sequence; a vector comprising said expression cassette, a prokaryotic or eukaryotic host cell comprising said vector; a method for increasing plant tolerance to heat and drought; a transformed plant which is substantially tolerant or resistant to one or more environmental conditions, cells of said plant comprising a recombinant DNA segment encoding EF-Tu. Claims 9-13 and claim 19 will be cancelled once notice of allowance is received for Group I.